

**OPTIMUS®**

Cat. No. 33-3016

## Karaoke Echo Microphone

Your Optimus Karaoke Echo Microphone is made especially for use with karaoke machines. This high-quality microphone has an adjustable echo level control, reduces pickup of unwanted sounds, and allows a large distance between the microphone and the sound source.

### INSTALLING THE BATTERY

The microphone uses one AA battery (not supplied). For the longest battery life, we recommend an alkaline battery, such as RadioShack Cat. No. 23-557.

1. Set **ON/OFF** to **OFF**.
2. Hold the middle of the microphone, then turn the lower part of the microphone counterclockwise to remove it.
3. Install the battery as indicated by the polarity symbols (+ and -) marked inside the battery compartment.
4. Replace the lower part of the microphone by turning it clockwise.

#### Notes:

- If you do not plan to use the microphone for a week or more, remove the battery.
- Replace the battery when the volume level becomes too low for normal use, or when the power indicator dims or does not light.

### USING THE MICROPHONE

**Note:** If your karaoke machine has an echo level control, set this control to its lowest level.

1. Insert the microphone plug into the microphone jack on your karaoke machine.
2. Set **ON/OFF** to **ON** to turn on the microphone. The power indicator lights.
3. Adjust **ECHO LEVEL** for the echo effect you desire.
4. Set **ON/OFF** to **OFF** to turn off the microphone. The power indicator turns off.

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## MAINTENANCE

To enjoy your Optimus Karaoke Echo Microphone for a long time:

- Treat the microphone gently. Don't drop it.
- Keep it away from extreme temperatures.
- Keep it out of dirt and water.
- Don't take it apart, except to install or remove a battery. If something is wrong with the microphone, take it to your local RadioShack store for help.

## SPECIFICATIONS

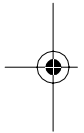
Type .....	Karaoke Echo Microphone
Directionality .....	Uni-Directional
Echo Method .....	Bucket Brigade Device (BBD) Pure Electronic Echo
Frequency Echo .....	100–15,000 Hz
Output Impedance .....	600 Ohms
Sensitivity .....	–60 dBm (100 dB SPL at 1 kHz)
Power Consumption .....	40 mA
Power Source .....	DC 1.5V, One AA Battery
Battery Life .....	About 18 Hours
Cord Length .....	15 Feet (4.5 Meters)
Dimensions (Diameter/Length) .....	2 <sup>1</sup> / <sub>8</sub> × 8 <sup>15</sup> / <sub>16</sub> Inches (54 × 227 mm)
Weight (Including Battery) .....	9.5 oz (270 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

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**Fort Worth, Texas 76102**

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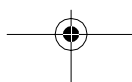
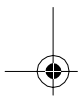
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#### RadioShack Limited Warranty

This product is warranted against defects for 90 days from date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your RadioShack sales slip** as proof of purchase date to any RadioShack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

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This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

*We Service What We Sell*

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